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Needs Review by EFED

1 2 3 4 5 6 7 8 9 10 11 12  
7/6/98

MRID No. 444577-26

DATA EVALUATION RECORD  
§ 71-2 - WATERFOWL DIETARY LC<sub>50</sub> TEST

1. **CHEMICAL:** Prohexadione calcium **PC Code No.:** 112600
2. **TEST MATERIAL:** BX-112 **Purity:** 93.3%
3. **CITATION:**  
**Authors:** B. Hakin, A.J. Johnson, A. Anderson, and I.S. Dawe  
**Title:** The Dietary Toxicity (LC<sub>50</sub>) of BX-112 to the Mallard Duck  
**Study Completion Date:** February 3, 1997  
**Laboratory:** Huntingdon Research Centre Ltd., Huntingdon, Cambridgeshire, England  
**Laboratory Report ID:** KCI 34/90402  
**Sponsor:** BASF Corporation, Research Triangle Park, NC  
**MRID No.:** 444577-26  
**DP Barcode:** D245631

4. **REVIEWED BY:** Mark A. Mossler, M.S., Toxicologist,  
Golder Associates Inc.

**Signature:** *Mark A. Mossler*

**Date:** 7/1/98

**APPROVED BY:** Pim Kosalwat, Ph.D., Senior Scientist,  
Golder Associates Inc.

**Signature:** P. Kosalwat

**Date:** 7/1/98

5. **APPROVED BY:**

**Signature:**

**Date:**

6. **STUDY PARAMETERS:**

**Scientific Name of Test Organism:** *Anas platyrhynchos*  
**Age of Test Organisms at Test Initiation:** 5 days  
**Definitive Study Duration:** 8 days

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7. **CONCLUSIONS:** This study is scientifically sound and fulfills the guideline requirements for an acute dietary toxicity test using the mallard. The LC<sub>50</sub> was >5250 ppm, which classifies BX-112 as practically non-toxic to the mallard duck.

**Results Synopsis:**

LC<sub>50</sub>: >5250 ppm  
NOEC: 5250 ppm

95% C.I.: N/A  
Probit Slope: N/A

